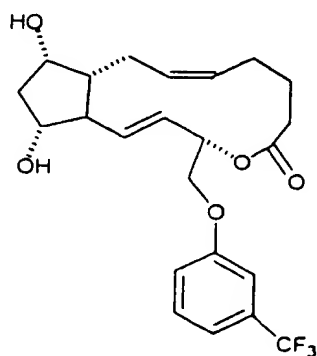
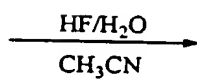
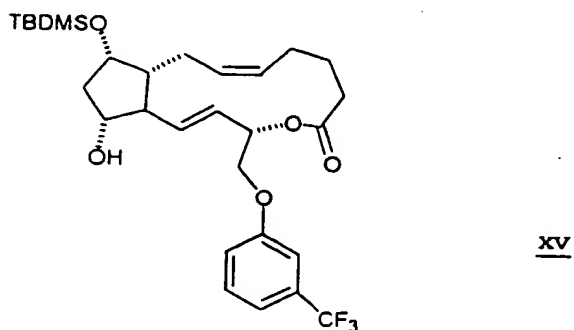
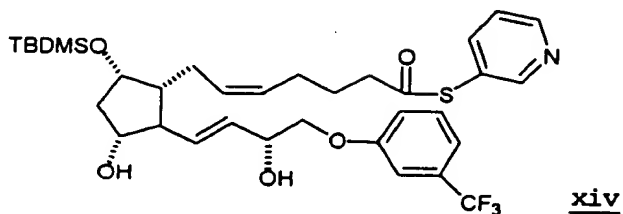
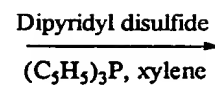
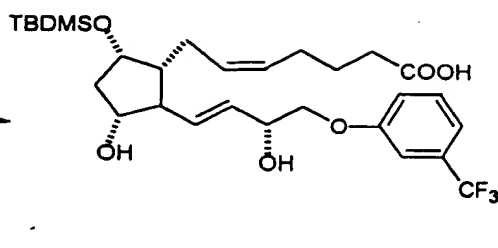
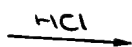
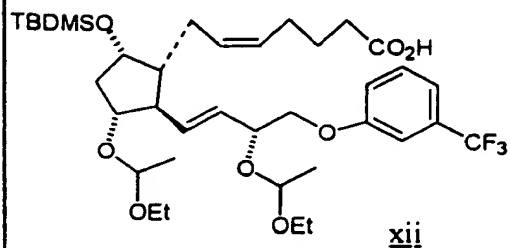
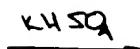
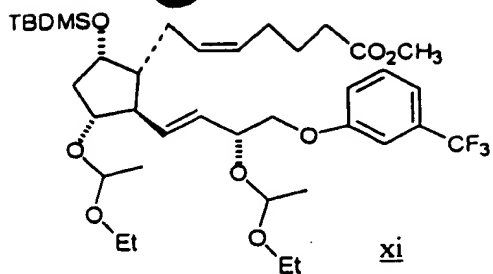
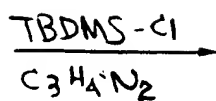
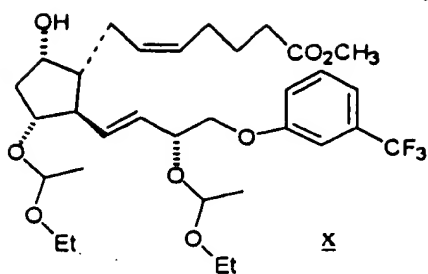


FIG. 1



Structure IV

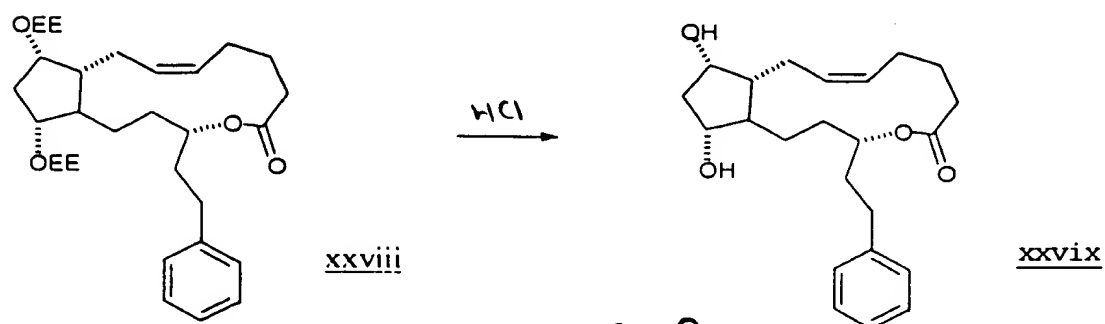
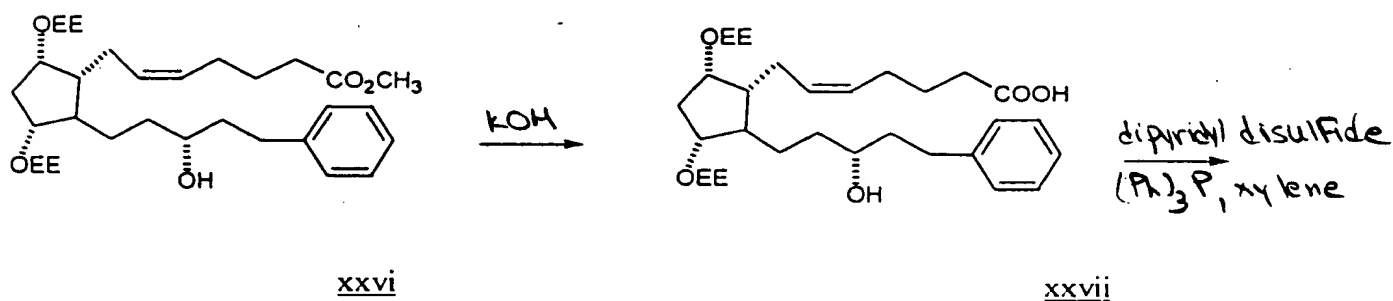
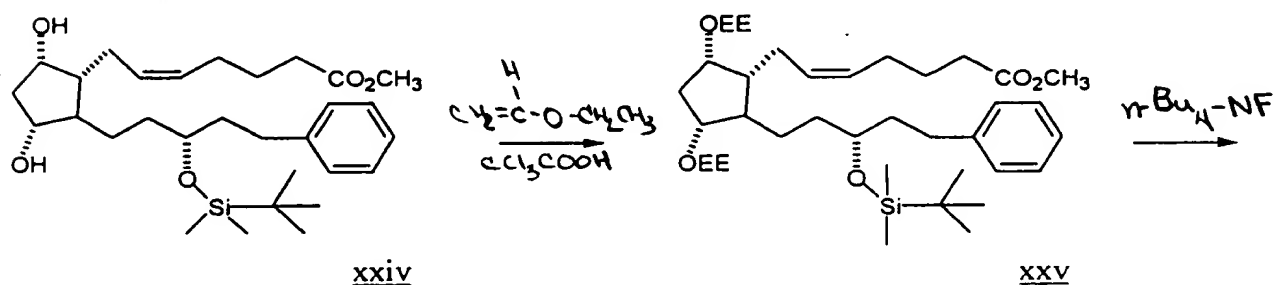
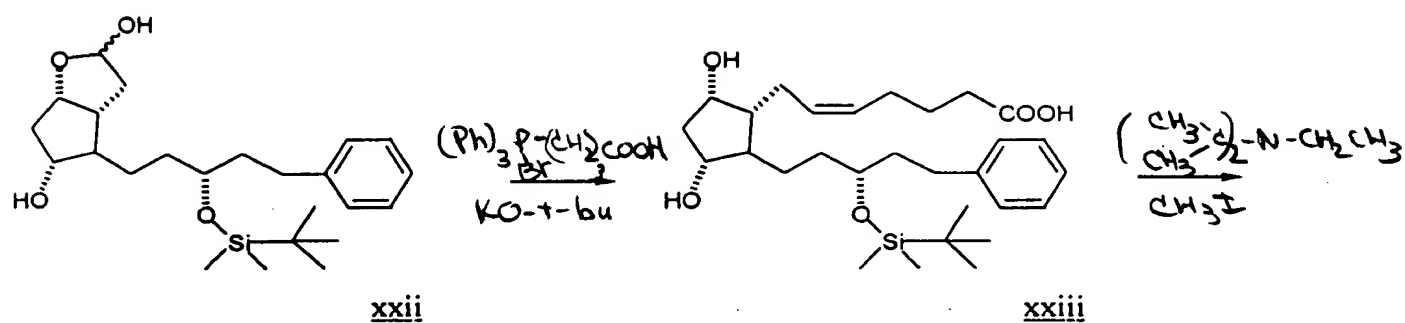
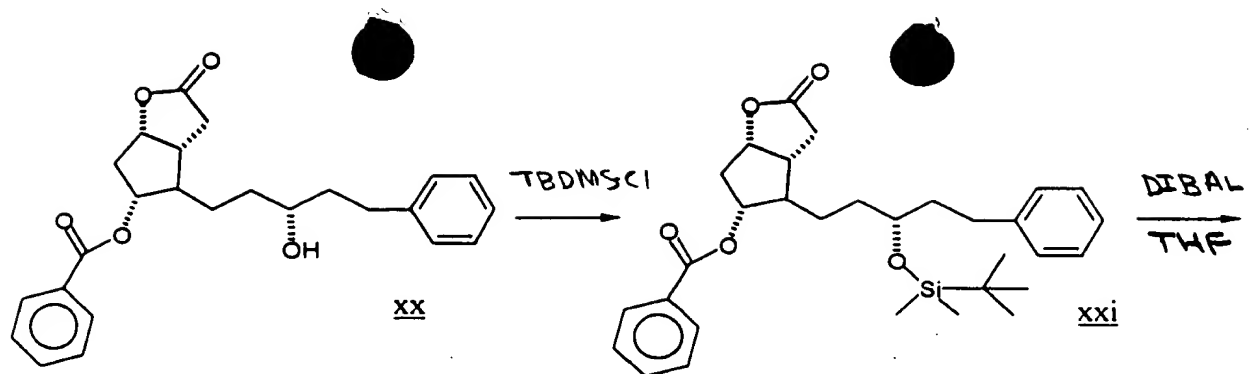
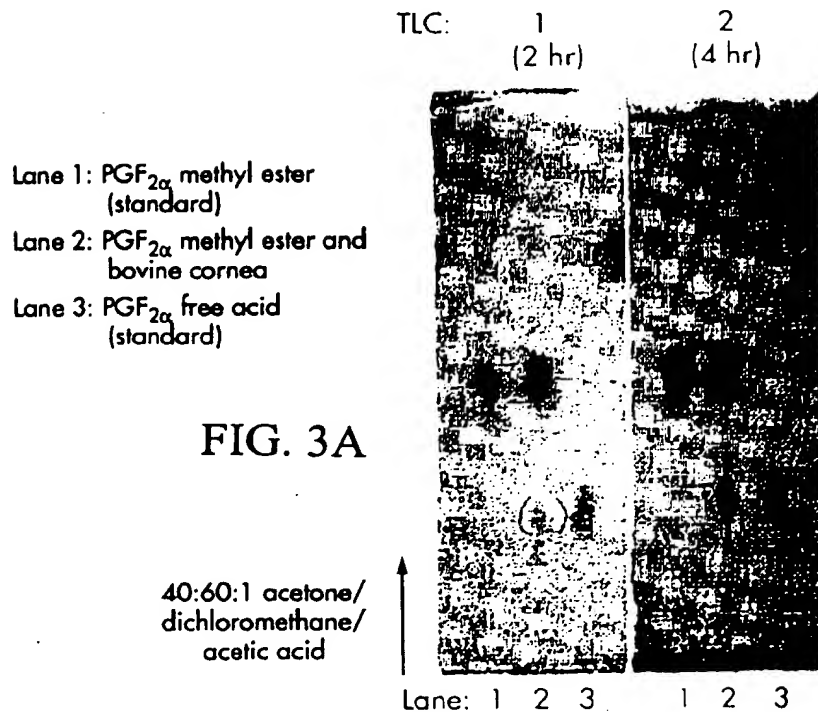


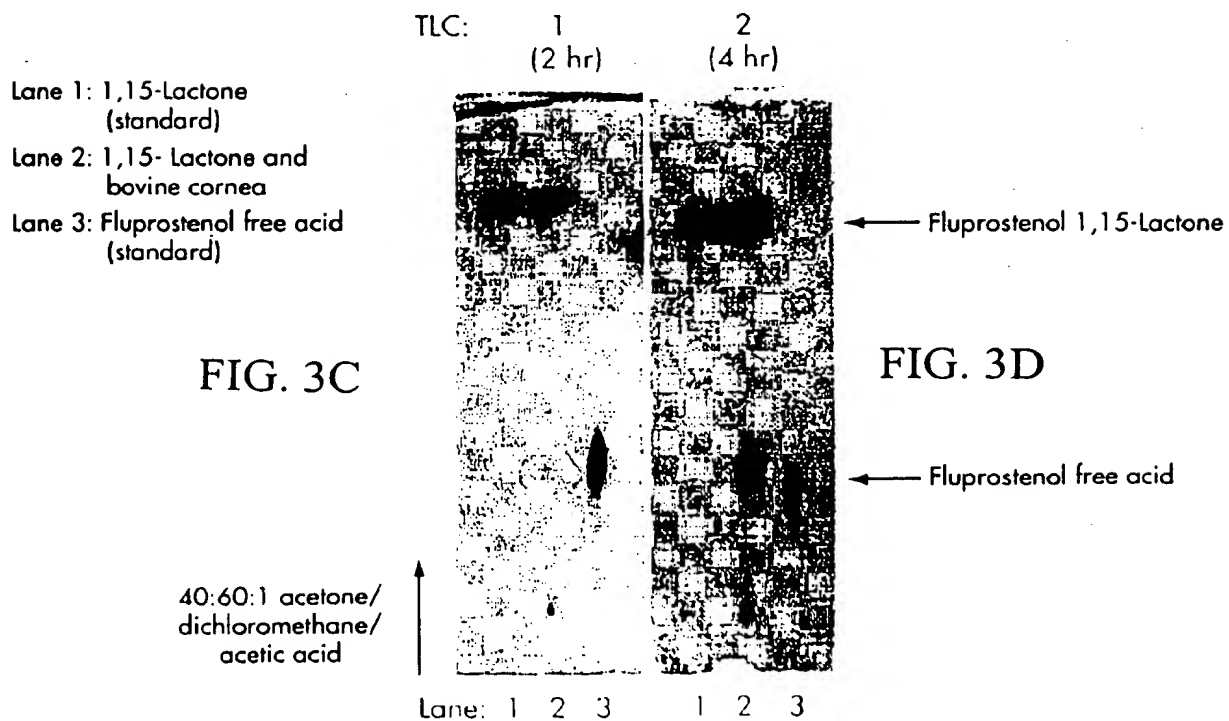
FIG. 2

Structure VI

Control (PGF_{2α} methyl ester) and bovine cornea



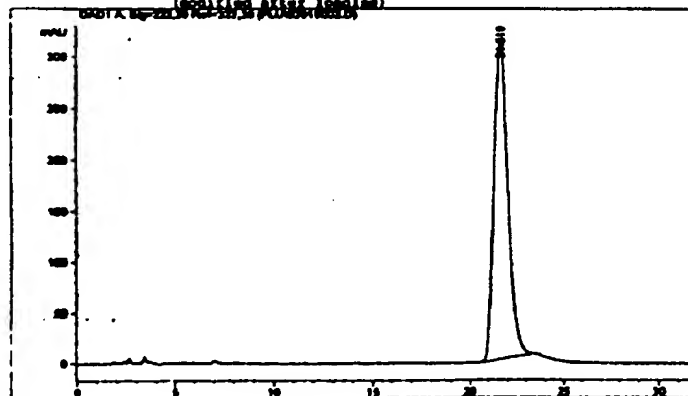
Fluprostenol 1,15-Lactone and bovine cornea



HPLC analysis of the enzymatic hydrolysis of Fluprostenol 1,15-Lactone

Fluprostenol Lactone Experiment
Fluprostenol Lactone Control (S1) w/o cornea
Beckman C18; 250x4.6mm; 5U; SN 506877
222nm; p=151 bar
70:30:0.1 MeOH:H2O:NAC

Injection Date : 2/1/00 11:11:37 AM
Sample Name : Fluprostenol
Acq. Operator : Jen
Method : C:\MSDCHEM\2\METHODS\GENERIC.M
Last changed : 2/1/00 9:57:13 AM by Jen
(modified after loading)

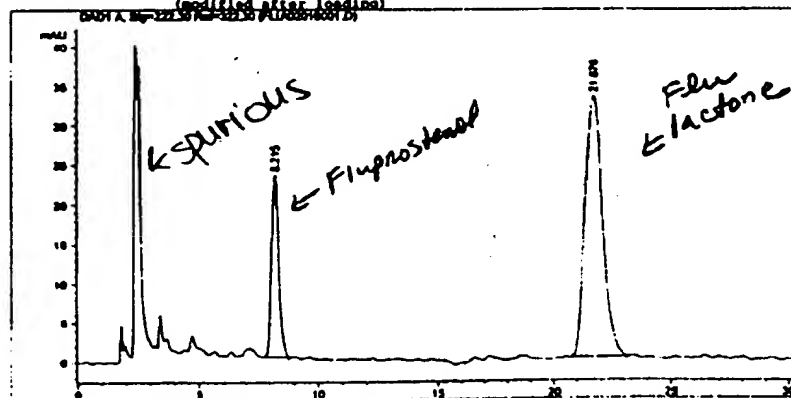


Fluprostenol 1,15 Lactone Standard

FIG. 4A

Fluprostenol Lactone Experiment
Cornea and Fluprostenol Lactone
Beckman C18; 250x4.6mm; 5U; SN 506877
222nm; p=151 bar
70:30:0.1 MeOH:H2O:NAC

Injection Date : 2/1/00 10:40:39 AM
Sample Name : Fluprostenol
Acq. Operator : Jen
Method : C:\MSDCHEM\2\METHODS\GENERIC.M
Last changed : 2/1/00 9:57:33 AM by Jen
(modified after loading)



Medium from 4 hour incubation of Fluprostenol 1,15-Lactone with bovine cornea

FIG. 4B